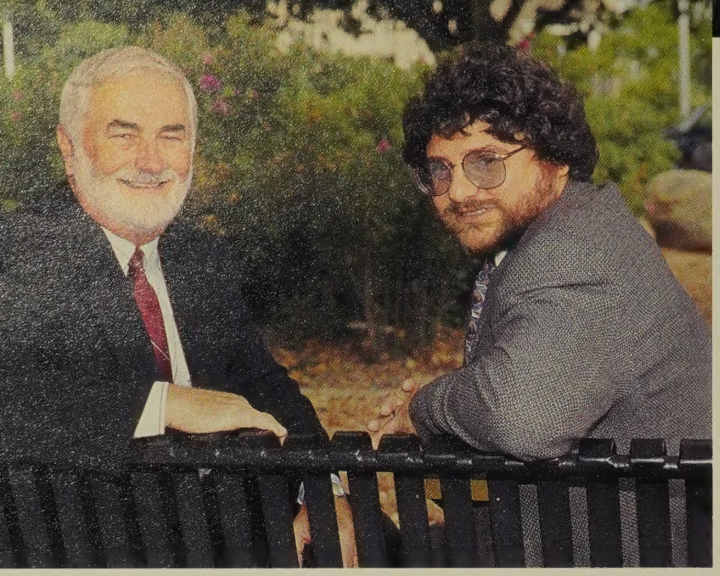
McMaster UNIVERSITY

CA4ONHBL W48
A 56
1997/98
URBAN MUNICIPAL

URBAN MUNICIPAL
OCT 20 1998
GOVERNMENT DOCUMENTS

1997-98 ANNUAL REPORT



Peter George and Harvey Weingarten

Vision

CHALLENGING MINDS TO CHANGE THE WORLD

"In our teaching, research, and scholarship, we are committed to creativity, innovation and excellence. We value integrity, quality, and teamwork in everything we do. We inspire critical thinking, personal growth, and a passion for learning. We serve the social, cultural, and economic needs of our community and society."

—From McMaster University's Statement of Mission and Vision, Directions

For more than 100 years, McMaster University has been a leader in teaching, research and scholarship. This year in our annual report we have chosen to focus on this leadership by celebrating our professors who have been honoured for their teaching and highlighting a few of our many students who communicate an enthusiasm and commitment to learning and knowledge. By their actions and words, they represent the very heart of McMaster's vision and mission.

Just over three years ago, we completed the document *Directions* and, using this as our guide, we established six strategic areas for McMaster that had priority for investment to support growth. These areas are Work and Society, Molecular Biology, Information Technology, Environment and Health, Science-Based Manufacturing and Innovation, and Globalization and the Human Condition. Having established these areas as priorities, we have supported them from our base budget and moved on to include them as areas worthy of support in our fundraising initiatives.

This past year has been an exciting and rewarding time at McMaster. We have celebrated the successes of some of our most eminent researchers and alumni, including the Nobel Prize in Economics awarded to Myron Scholes, a graduate of 1962. The year also saw the creation of the new Department of Computing and Software in the Faculty of Engineering, the announcement of our intention to build a trading room in the Michael G. DeGroote School of Business, the Board of Governors' approval of the University Centre, and the approval of the plan for McMaster's capital campaign.

As we enter the new millennium, we know that Canada will need people who know how to learn, who are open and enthusiastic in the pursuit of knowledge and whose creative and innovative natures have been fostered and nurtured by a challenging, yet supportive, academic experience.

McMaster University offers an environment where all those things are possible, and we commit ourselves to enhancing that environment well into the new century.

At McMaster we are changing tomorrow today.

Dr. Peter George
President & Vice-Chancellor

Dr. Harvey P. Weingarten
Provost & Vice-President (Academic)

INCOME (000's)	1996-97		1997-98	
Government Grants	$99,331	29.4%	$98,234	27.7%
Tuition	48,346	14.3%	52,808	14.9%
Endowments	38,915	11.5%	54,981	15.5%
Other Income	17,896	5.3%	25,709	7.2%
Research	88,683	26.3%	78,660	22.1%
Ancillary Operations	41,170	12.2%	40,569	11.4%
Capital	3,367	1.0%	4,179	1.2%
	$3337,708		$355,140	

STUDENT ENROLMENT 1997-98		
Undergraduate		
	Full-time	11,861
	Part-time	2,444
	Summer	3,478
Graduate		
	Full-time	1,453
	Part-time	653
Continuing Education		2,302
Male/Female Ratio:		43.5/56.5

Maria Cetinic • Stoney Creek, Ontario • Honours Comparative Literature and Philosophy, Level III • McMaster Scholar • Croatian language teacher, International Languages Program; Arts Event co-ordinator, Hamilton and Region Arts Council • "Some universities focus on technology and job-related skills, but McMaster really hasn't given up on the idea that university is a **quest for knowledge** for knowledge's sake. McMaster has a great engineering school, but McMaster is not all technology — there are also profs here who believe in the value and meaning of culture and the arts... and the comparative literature program is amazing....Some people question whether literature is really relevant to life, and I say, 'Yes — it's relevant to a happy life!'....I came to university because I wanted to be among people who **love to learn**."

Trevor Li • Vancouver, British Columbia • MBA Co-op Program, final year • Harshaw Scholar •

"I came to McMaster in 1996 because it has the **best MBA co-op program in the country**, and I wanted a co-op program because I think the combination of practical experience and theory is the best way to learn. The program has been even better than I thought it would be. It was a good business decision and a good investment in myself!"

Rosanne Aleong

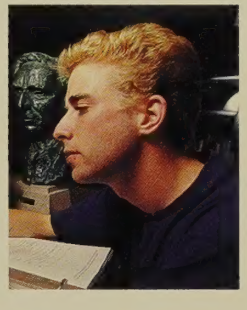
Rosanne Aleong • Etobicoke, Ontario • Honours Biology and Psychology, Level IV • McMaster Scholar, Senate Scholar, Psychology Prize winner • Founding member, McMaster chapter of the Golden Key National Honour Society • "I made McMaster my first choice right from the start because of the tremendous science programs here, particularly the many **interdisciplinary programs**, like biopsych, which give you skills in more than one field, and because of the **problem-based learning** approach, which is fantastic...McMaster has been everything I thought it would be and more...my residence was great, my courses were interesting and my professors were supportive... I guess I'm going to be one of those proud alumni."

Jordan Chenkin

Jordan Chenkin • Thornhill, Ontario • Honours Biochemistry, Level II • McMaster Scholar • Volunteer organizer, Red Cross blood donor clinics; Executive member, Physics & Astronomy Society • "I checked out a few campuses and this one really stuck out... it's a **beautiful campus** with everything located in one place... If you're interested in science and you want a challenge, this is the place to be. The professors are friendly, helpful and make you feel like your education is their top priority...Last year the Physics & Astronomy Society put on a **'Physics Is Phun'** show at some local elementary schools... The kids love it, and we loved doing it, too — it reminds you of the real reason that you're interested in science in the first place...it appeals to the inner child in us."

Carl Rothfels

Carl Rothfels • Pefferlaw, Ontario • Honours Arts & Science and Biology, Level III • McMaster Scholar • Board member, Ontario Public Interest Research Group-McMaster • Member, Hamilton Naturalists Club • Member, Friends of the Red Hill Valley • "I came to McMaster for the Arts & Science Program...there's nothing like it at other universities...it's great because you're studying both science and humanities subjects in a program that emphasizes how to **think clearly and communicate clearly**, and you're in a small, eclectic, motivated peer group... I'd certainly recommend McMaster; it has lots to offer and its location near Cootes Paradise is incredible."



Menaka Pai

Menaka Pai • Dundas, Ontario • Honours Biology and Psychology, Level II • McMaster Scholar, Senate Scholar, Heart and Stroke Foundation of Ontario's John D. Schultz Summer Research Scholar • Member, McMaster Students Union Human Rights Committee • Member, South Asians for Nuclear Elimination and Reconciliation (SANER) • "McMaster is the 'university in my back yard,' but it still came out as the best choice for me...the profs here are world-class teachers and **world-class researchers**, and I'm really interested in research. Also, McMaster has **scholarship opportunities** unmatched at other universities... McMaster rewards you for your hard work in high school."

EXPENDITURES (000's)	1996-97		1997-98	
Instruction	$109,378	34.3%	$112,533	35.5%
Student & Academic Services	24,627	7.7%	27,034	8.5%
Library	12,086	3.8%	12,199	3.8%
Scholarships & Bursaries	6,455	2.0%	8,875	2.8%
Physical Plant	17,563	5.5%	17,016	5.4%
Administration & Fundraising	15,246	4.8%	18,902	6.0%
Research	89,762	28.1%	79,453	25.1%
Ancillary Operations	40,625	12.7%	39,688	12.5%
Capital	2,543	0.8%	1,215	0.4%
Total	$318,285		$316,915	

ACADEMIC STAFF 1997 (includes 38 part-time)	1,131
SUPPORT STAFF 1997 (includes 339 part-time)	2,176

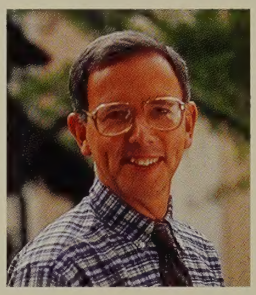
DEGREES GRANTED 1997	
Bachelor's	3,185
Master's	460
Doctoral	124
Doctor of Medicine	89

Imre Vencel • Belgrade, Yugoslavia • Master of Engineering Physics Program • John Morris Bursary recipient • "I was very interested in studying nuclear reactor safety analysis and there are very few programs for this in the world...I like McMaster's program very much...it exceeds all my expectations...the atmosphere and the people are great."

McMASTER FACULTY: A PASSION FOR TEACHING excellence

Dr. Del Harnish
Pathology and Molecular Medicine, Biology • 1998 President's Teaching Award for Excellence in Course or Resources Design • 1998 3M Teaching Fellowship Award

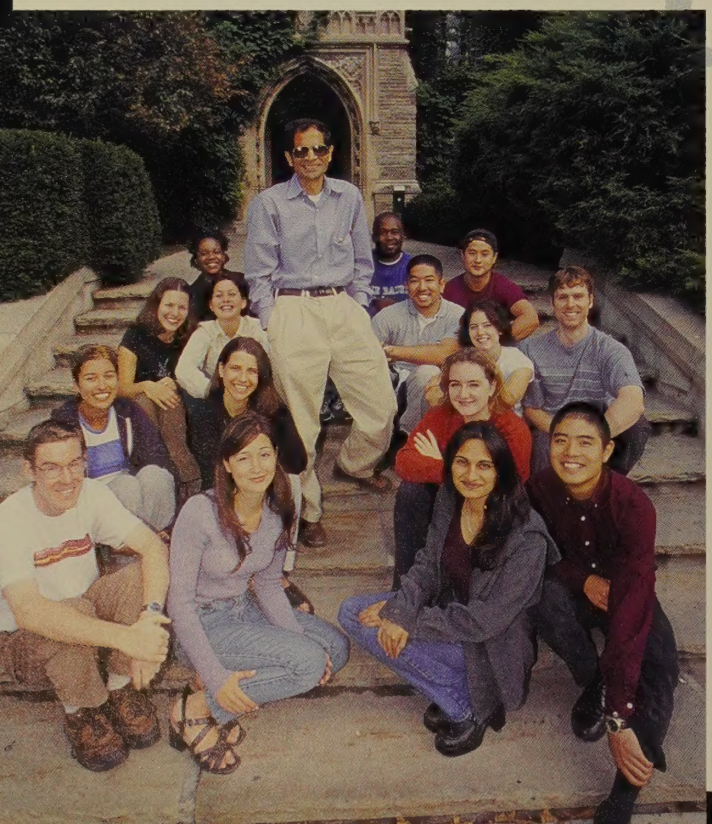
Dr. Jennifer Blake
Chair, Program for Educational Development, Faculty of Health Sciences • 1998 President's Teaching Award for Educational Leadership



Dr. Bill Scarth
Department of Economics • 1997 President's Teaching Award for Excellence in Instruction

Dr. Carolyn Eyles
School of Geography & Geology • 1998 President's Teaching Award for Excellence in Instruction

Creativity



Dr. P. K. (Chari) Rangachari *(standing, with a group of his biopharm co-op students)* • Department of Medicine; Director, Biology-Pharmacology Co-op Program • 1997 President's Teaching Award for Educational Leadership • 1998 Ontario Confederation of University Faculty Associations Teaching Award

McMASTER BOARD OF GOVERNORS, 1998-99

D. A. S. Ivison *(chair)*
Dr. H. D. Barber *(vice-chair)*
J. C. Alfano
D. L. Barber
C. P. Bastable
E. Buffet
J. R. Bullock
Dr. R. G. Butler
Dr. D. W. Conrath
N. G. Cooper
Dr. S. D. Denburg
W. C. Fox
D. M. Green
S. M. Horsfall
Dr. H. Jones
C. Kaiser-Farrell
Rev. F. Langdon
Dr. W. Lewchuk
F. H. Logan
Dr. G. M. Luxton
Dr. B. E. McCarry
E. A. Minich
Dr. D. J. Nifakis
Dr. M. Paikin
Dr. A. L. Robb
M. M. Romeo
U. Soomet
L. C. Stephenson
E. S. Tam
E. A. Taylor
J. L. Thibault
V. Travale
Dr. S. K. Vidyarthi
T. E. Yates
Dr. M. M. Hawkrigg *(Chancellor)*

Dr. William Coleman • Department of Political Science • 1986 McMaster Students Union Teaching Award • 1994 3M Teaching Fellowship Award • 1997 Ontario Confederation of University Faculty Associations Teaching Award

3 2022 17460638 0

Dr. Don Woods (centre, with a group of engineering students) • Department of Chemical Engineering • 1974 University Faculty Associations Teaching Award • 1980 McMaster Students Union Teaching Award • 1986 3M Teaching Fellowship Award • 1993 President's Teaching Award for Educational Leadership • 1998 William Elgin Wickenden Award, Journal of Engineering Education

McMaster gratefully acknowledges the support of the following sponsors of this report:

KPMG

Evans, Philp
BARRISTERS AND SOLICITORS

McMASTER
UNIVERSITY
ALUMNI

McMaster University

For more information, contact:
Office of Public Relations
McMaster University, Hamilton, Ontario L8S 4L8

phone: (905) 525-9140, ext. 24073 • fax: (905) 521-1504
e-mail: d-pr@mcmaster.ca • web: www.mcmaster.ca

Produced by the Office of Public Relations, University Advancement, McMaster University • Photography by Robert Challé, Challé Design Consultants Inc., Hamilton, Ontario
Printed by Commercial Print-Craft, Woodstock, Ontario • October 1998